IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re A	Application of:	I hereby certify that this paper or fine is being departed with the United States Peatel Survice "Repress blail Peat Office to Addressed" cervice under 37 GPR, 1,10 up this data indicated allows
YOSE	IIMASA OKAMURA, et al.	and is addressed to the Commissioner of Patents and Tenferming. P.O. Box 1494, Alexandria, VA 23515-4480
Applic	cation No.: Not Yet Assigned)	CHRIS DINH NGUYEN
Filed:	Herewith :	(Typel or prime carps of person matthing paper or bell)
For:	FABRICATION OF NANOSCALE) THERMOELECTRIC DEVICES :	September 19, 2003

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed below and on the enclosed Forms PTO-1449. A copy of each document so listed is enclosed.

- (1) U.S. Patent Publication No. US 2001/0001961 A1
- (2) U.S. Patent Publication No. US 2003/0041892 A1
- (3) U.S. Patent Publication No. US 2003/0047204 A1
- (4) U.S. Patent No. 4,971,632
- (5) U.S. Patent No. 4,983,225
- (6) U.S. Patent No. 5,286,304
- (7) U.S. Patent No. 5,837,929
- (8) U.S. Patent No. 5,921,087

- (9) U.S. Patent No. 6,127,619
- (10) U.S. Patent No. 6,207,887
- (11) U.S. Patent No. 6,214,738
- (12) U.S. Patent No. 6,231,744
- (13) U.S. Patent No. 6,232,542
- (14) U.S. Patent No. 6,359,288
- (15) U.S. Patent No. 6,441,295
- (16) U.S. Patent No. 6,441,296
- (17) U.S. Patent No. 6,605,772
- (18) JP 63-020880
- (19) JP 11-298051
- (20) JP 2001-282396
- (21) "Introduction to Thermoelectrics", website, http://www.thermoelectrics.com/introduction.htm, site visited July 28, 2003.
- (22) M.S. Dresselhaus, et al., "The Promise of Low Dimensional Systems for Thermoelectric Applications," website, http://www.osti.gov/fcvt/darpa2002/mdresselhaus.pdf, site visited September 18, 2003.
- (23) "THERMOELECTRICITY" website, http://www.nanothermel.org/public_main.htm, site visited July 28, 2003.
- (24) "Stacy Group" Stacy Group Thermoelectrics Research, website, http://www.cchem.berkeley.edu/~amsgrp/thermoelectrics.html, site visited August 29, 2003.
- (25) "Design of Advanced Materials" Stacy Group Home, website, http://www.cchem.berkeley.edu/~amsgrp/index.html, site visited July 28, 2003.
- (26) "Eneco Technology" r-layout2, website, http://www.eneco-usa.com/technology/content.htm, site visited July 28, 2003.
- (27) "Hi-Z Technology" Hi-Z TECHNOLOGY, INC., website, http://www.hi-z.com/, site visited July 28, 2003.

- (28) "Marlow Industries Inc." thermoelectric manufacturer Marlow Industries inc., website, http://www.marlow.com/, site visited July 28, 2003.
- (29) "TELLUREX Z-Max thermoelectric modules for power generation..." Tellurex Corporation, website, http://www.tellurex.com/, site visited July 28, 2003.
- (30) "A Quantum Leap in Power Generation" Power Chips plc, website, http://www.powerchips.gi/, site visited July 28, 2003.
- (31) "The Science Behind Power Chips™, A Basic Introduction" Power Chips plc, website, http://www.powerchips.gi/technology/overview.shtml, site visited July 28, 2003.
- (32) M.S. Dresselhaus, et al., "INVESTIGATION OF LOW-DIMENSIONAL THERMOELECTRICS", Symposium Proceeding, Technomoic Publishing Co., pp. 1-13.

The Examiner is urged to study this information in its entirety and to form an independent determination of the materiality of the information to the claimed invention. Additionally, the Examiner is requested to indicate that the enclosed. information has been considered by initialing the appropriate portion of Forms PTO-1449.

Applicants' undersigned attorney may be reached in our Costa Mesa, California office by telephone at (714) 540-8700. All correspondence should continue to be directed to our address given below.

Respectivity submitted,	
Attorney for Applicants	
Registration No.	

Despectfully submitted

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza New York, New York 10112-3801 Facsimile: (212) 218-2200

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S)		ATTY DOCKET NO. APPLICATION NO.						
		APPLICANT YOSHIMASA OKAMURA						
(Use several sheets if necessary)			FILING DATE Herewith			GROUP		
			U.S. PATENT DOCUMENTS					
*EXAMINE R	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	4,971,632	11/20/1990	Rowe	Rowe 136				
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	5,286,304	02/15/1994	Macris, et al.					
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	6,127,619	10/03/2000	Xi, et al.	136	203			
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	6,214,738	04/10/2001	Aiba, et al.	Aiba, et al. 438				
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	63-20880	01/28/1988	JAPAN			Abstract		
	11-298051	10/29/1999	JAPAN	<u> </u>		Abstract		
	2001-282396	10/12/2001	JAPAN			Abstract		
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	·	OTHER DOCUMENT	T(S) (Including Author, Title, Date, Pertinent Pages, Etc.)					
	U.S. Patent Publication No. US 2001/0001961 A1							
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	U.S. Patent Publication No. US 2003/0047204 A1							

DATE CONSIDERED

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EXAMINER

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTY DOCKET NO. APPLICATION NO. FORM PTO 1449 (modified) 03650.002191 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE YOSHIMASA OKAMURA **APPLICANT** LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) FILING DATE Herewith U.S. PATENT DOCUMENTS FILING DATE IF APPROPRIATE *EXAMINER DOCUMENT CLASS SUBCLASS DATE NAME INITIAL NUMBER 205 324 05/15/2001 6,231,744 Ying, et al. 05/15/2001 Hiraishi, et al. 136 201 6,232,542 257 6,359,288 03/19/2002 Ying, et al. 14 6,441,295 08/27/2002 Hiraishi, et al. 136 201 6,441,296 08/27/2002 Hiraishi, et al. 136 201 6,605,772 08/12/2003 136 236.1 Harman, et al. FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES/NO/ OR ABSTRACT OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) "Introduction to Thermoelectrics", website, http://www.thermoelectrics.com/introduction.htm, site

"Introduction to Thermoelectrics", website, http://www.thermoelectrics.com/introduction.htm, site visited July 28, 2003.

M.S. Dresselhaus, et al., "The Promise of Low Dimensional Systems for Thermoelectric Applications," website, http://www.osti.gov/fcvt/darpa2002/mdresselhaus.pdf, site visited September 18, 2003.

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		APPLICANT YOSHIMASA OKAMURA						
	(Use several sheets if necessary)			Herewith		GROUP		
			U.S. PATENT DOO	CUMENTS				
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
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	DOCUMENT	DATE		COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT	
	NUMBER		_				OK/ABSHICIO	
		OTHER DOCUMENT	(S) (Including Autho	or, Title, Date, Pertinent Pages, Etc.)				
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	Hi-Z Technology" Hi-Z TECHNOLOGY, INC., website, http://www.hi-z.com/, site visited July 28, 2003.							
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Sheet 3 of 3

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